

15mar06 10:20:49 User300302 Session D1487.1

File 2:INSPEC 1898-2006/Mar W1
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| Set | Items | Description |
|-----|-------|--------------------------------|
| S1 | 2709 | TIRE OR TIRES OR TYRES OR TYRE |
| S2 | 45210 | DOPPLER? ? |
| S3 | 13 | S1 AND S2 |



STIC Search Report

EIC 2800

STIC Database Tracking Number:

To: Andre Allen
Location: JEFF 9A-41
Art Unit: 2855
March 15, 2006
Case Serial # 10/731,198

From: Paul Kim
Location: STIC-EIC2800
JEF-4B68
Phone: 571-272-8949

Email: Kim, Paul

Search Notes

Attached are the search histories and edited search results from patent and non-patent databases in Dialog.

I found art similar to what you are looking for. I recommend that you browse the attached results.

Based on this, if you have questions or comments, or if you would like a refocused search, please contact me.

Respectfully,
Paul Kim
Technical Searcher



STIC Search Results Feedback Form

EIC 2800

Questions about the scope or the results of the search? Contact *the EIC searcher* or contact:

Jeff Harrison, EIC 2800 Team Leader
571-272-2511, JEF 4B68

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 2810

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC2800, CP4-9G18



RCVD
3/10/06
1:15pm

181931

SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800

Rev. 1/26/2006 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 22511.

Date 3-10-06 Serial # 10/131198 Priority Application Date _____
Your Name ANDRE ALLEN Examiner # 78079
AU 2855 Phone 22174 Room 9A41
In what format would you like your results? Paper is the default. ☒ PAPER ☐ DISK ☐ EMAIL
If submitting more than one search request form, please prioritize the searches in order of need.

Where have you searched so far on this case?
Circle: ☒ USPT ☒ DWPI ☒ EPO Abs ☒ IPO Abs ☒ IBM TDB
Other: _____

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.

What types of references would you like? Please checkmark:
Primary Refs ☒ Nonpatent Literature ☒ Teaching Refs ☒
Secondary Refs ☒ Foreign Patents ☒ Other _____

Is this a "Fast & Focused Search" request? (Circle One) YES NO

A "Fast & Focused Search" is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2800 and on the STIC NPL Web Page at <http://uspto-a-patrr-2/siraapps/stic/npl/nplsearch.htm>

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Analyzing signals (Reflected) using HARMONICS
WHEREIN THESE ANALYZED SIGNALS DETECT OR MEASURE
TIRE ANOMALIES SUCH AS TREAD WEAR, LOW PRESSURE OR
LOW TEMPERATURE.
SEE CLAIMS 1 & 13
frequency shift determine tire abnormal?
harmonic range wear temp
defect pressure

| | | |
|--|---|--|
| Staff Use Only | Type of Search | Vendors |
| Searcher: <u>Paul Kim</u> | Structure (#) <input checked="" type="checkbox"/> | STN <input checked="" type="checkbox"/> |
| Searcher Phone: <u>2-8949</u> | Bibliographic <input checked="" type="checkbox"/> | Dialog <input checked="" type="checkbox"/> |
| Searcher Location: <u>STIC-EIC2800, JEF-4B68</u> | Litigation <input checked="" type="checkbox"/> | Questel/Orbit _____ |
| Date Searcher Picked Up: <u>3/13/06</u> | Fulltext <input checked="" type="checkbox"/> | Lexis-Nexis _____ |
| Date Completed: <u>3/15/06</u> | Patent Family _____ | WWW/Internet _____ |
| Searcher Prep/Rev Time: <u>320</u> | Other _____ | Other _____ |
| Online Time: <u>116</u> | | |